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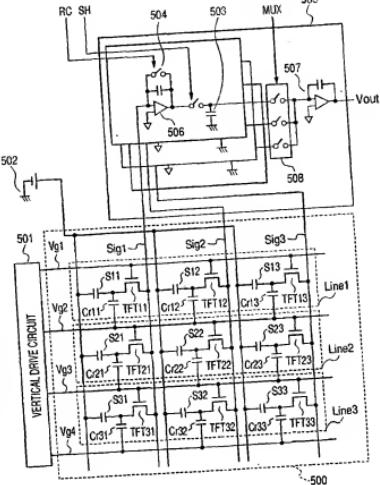
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(54) Title: PHOTOELECTRIC CONVERSION DEVICE AND RADIATION PHOTOGRAPHY APPARATUS

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(57) Abstract: A sensor lower electrode of a MIS type photosensor is connected to a gate line distributed in a next line in a scanning direction through a refreshing capacitor. The MIS type photosensors of an (n-1)-th line are refreshed on the basis of an ON/OFF operation of TFT's accompanying a reading operation for a pixel column of an n-th line to thereby allow the refresh operation to be carried out every scanning line. Thus, it is possible to prevent a moving image from becoming unnatural due to the refresh operation as in the background art.